

Title (en)
MEDICAL INSTRUMENT

Title (de)
MEDIZINISCHES INSTRUMENT

Title (fr)
INSTRUMENT MÉDICAL

Publication
EP 3695793 B1 20210825 (DE)

Application
EP 20155030 A 20200131

Priority
DE 102019103493 A 20190212

Abstract (en)
[origin: US2020253626A1] The application relates to a medical instrument with a hollow shaft, with a handle at the proximal end and a tool with two jaw parts at the distal end, of which at least one jaw part is pivotable, wherein a distal end region of the shaft is configured as a deflectable, rotatable tool tip, and wherein the jaw parts are adjustable between closed and open positions, wherein rotation of the tool tip and actuation of the jaw parts take place via actuation elements coupled at the proximal end to the handle. The distal end of the shaft and the proximal end of the tool tip are arc-shaped, and roll on each other for the deflection of the tool tip, and are conveyed from the shaft into the deflectable tool tip via at least two identical joints, which are connected in series and which can transmit rotation and translatory movements.

IPC 8 full level
A61B 17/29 (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP US)
A61B 17/29 (2013.01 - EP US); **A61B 2017/0069** (2013.01 - EP); **A61B 2017/00867** (2013.01 - US); **A61B 2017/2902** (2013.01 - EP US); **A61B 2017/292** (2013.01 - EP); **A61B 2017/2923** (2013.01 - US); **A61B 2017/2927** (2013.01 - EP US); **A61B 2017/2929** (2013.01 - EP); **A61B 2017/2947** (2013.01 - EP US)

Cited by
DE102022126367A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3695793 A1 20200819; **EP 3695793 B1 20210825**; DE 102019103493 A1 20200813; US 11129635 B2 20210928; US 2020253626 A1 20200813

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EP 20155030 A 20200131; DE 102019103493 A 20190212; US 202016781171 A 20200204